

PATENT APPLICATION  
December 19, 2001

IN THE US PATENT AND TRADEMARK OFFICE

Express Mail Label No. :

Attorney Docket No: MP332

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

JC675 U.S. PTO  
10/024518  
12/21/01

Dear Sir:

Transmitted herewith for filing is the [x] utility patent application of:

Inventor: Kenneth S. Murphy

For : STABILIZED ZIRCONIA THERMAL BARRIER  
COATING WITH HAFNIA

Pursuant to 37 CFR 1.53, the above-identified application is being submitted without the filing fee, and it is respectfully requested that this application be granted a serial number and filing date and that the undersigned be notified of the date by which the filing fee must be submitted. Enclosed are:

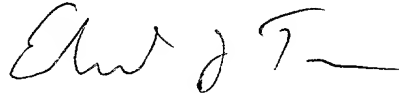
- [x] Specification (10 pages), Claims (3 pages), and Abstract (1 page)
- [ ] Declaration
- [X] 3 Drawing Sheets
- [ ] Amendment before First Office Action
- [ ] Information Disclosure Statement
- [ ] Assignment
- [X] Acknowledgement Postal Card For Stamping By Mail Room
- [ ] Priority and benefits are claimed under 35 USC 119 or 120 based on provisional application Serial No. \_\_\_\_\_ filed \_\_\_\_\_.

[x] Pursuant to 37 CFR 1.53, this application is being filed without the declaration or oath. Please notify the undersigned of the due date for submitting the declaration or oath. A Power of attorney in favor of the undersigned will be submitted later. Please direct all telephone calls to the undersigned at telephone number (616) 353-8807. Please address all correspondence to:

Mr. Edward J. Timmer  
Walnut Woods Centre  
5955 W. Main Street  
Kalamazoo, MI 49009

The inventor is Kenneth S. Murphy.

Respectfully submitted,



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Encl. Listed above.